a base attached to the interior distal end of the socket, having a proximate surface, including at least one channel extending through said proximate surface;

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- a duct extending through said socket, connected to said channel; and a valve coupled to said duct for controlling the flow of air therethrough.
- 45. (New) The prosthetic limb and valve assembly of Claim 44, wherein said valve is coupled to a pump which provides a forces transfer of air to or from the socket interior.
- 46. (New) The prosthetic limb and valve assembly of Claim 44, wherein said base includes an attachment means adapted to releasably attach an upright assembly to the distal end of the socket.
- 47. (New) The prosthetic limb and valve assembly of Claim 44, wherein said base is adapted to be removably fitted within the socket interior at the distal end of the socket.
- 48. (New) The prosthetic limb and valve assembly of Claim 44, wherein said base includes a proximate cushion portion.
- 49. (New) The prosthetic limb and valve assembly of Claim 44, wherein said sleeve provides a seal between said residual limb and said socket.
 - 50. (New) A prosthetic limb comprising:
 - a sleeve to be worn over the residual limb;
- a socket having an interior configured to contain a wearer's residual limb and said sleeve, a distal end, and an inner surface; and
- a valve assembly removably coupled to the distal end of the socket, providing fluid communication with the socket interior.
- 51. (New) The prosthetic limb of Claim 50, wherein said valve is coupled to a pump which provides a forced transfer of air to or from the socket interior.

- 52. (New) The prosthetic limb of Claim 50, further comprising a base attached to the interior distal end of the socket, having a proximate surface, including at least one channel extending through said proximate surface.
- 53. (New) The prosthetic limb of Claim 52, wherein said base is adapted to be removably fitted within the socket interior at the distal end of the socket.
- 54. (New) The prosthetic limb of Claim 52, wherein said base includes an attachment means adapted to releasably attach an upright assembly to the distal end of the socket.
- 55. (New) The prosthetic limb of Claim 52, wherein said base includes a proximate cushion portion.
- 56. (New) The prosthetic limb of Claim 50, wherein said sleeve provides a seal between said residual limb and said socket.
- 57. (New) A prosthetic limb socket system configured to receive a residual limb, said prosthetic limb socket system comprising:
 - a sleeve to be worn over the residual limb;
 - a prosthetic limb socket comprising:
 - a proximal opening;
 - a socket wall and a distal end configured to define a socket interior;
- a channel configured to conduct fluid between said socket interior and an exterior of said prosthetic limb socket; and
- a check valve releasably coupled to said channel and configured to spontaneously open said channel in response to a socket interior pressure higher than an exterior pressure and close said channel in response to said socket interior pressure substantially equal to or less than said exterior pressure.

- 58. (New) The prosthetic limb socket system of Claim 57, wherein said valve is coupled to a pump which provides a forced transfer of air to or from the socket interior.
- 59. (New) The prosthetic limb socket system of Claim 57, further comprising a base attached to the interior distal end of the socket, having a proximate surface, including at least one channel extending through said proximate surface.
- 60. (New) The prosthetic limb socket system of Claim 59, wherein said base is adapted to be removably fitted within te socket interior at the distal end of the socket.
- 61. (New) The prosthetic limb socket system of Claim 59, wherein said base includes an attachment means adapted to releasably attach an upright assembly to the distal end of the socket.
- 62. (New) The prosthetic limb socket system of Claim 59, wherein said base includes a proximate cushion portion.
- 63. (New) The prosthetic limb socket system of Claim 59, wherein said sleeve provides a seal between said residual limb and said socket.
 - 64. (New) A valve assembly for a prosthetic limb socket, comprising:
- a base adapted to be removably fitted within the socket interior at the distal end of the socket, said base having a proximate surface, including at least one channel extending through said proximate surface;
 - a duct extending through said socket, connected to said channel; and a valve coupled to said duct for controlling the flow of air therethrough.
- 65. (New) A method for attaching a prosthesis including a suction socket having an open proximal end for receiving a residual limb and a distal end, comprising:
 - (a) rolling a sleeve over the residual limb;

- (b) installing a valve means into said distal end of said suction socket, said valve connected to a duct extending through said socket;
- (c) positioning said residual limb with said sleeve into said open proximal end of said suction socket; and
- (d) drawing air through said duct means of a vacuum pump to create a negative pressure between said sleeve and said distal end of said suction socket such that said sleeve is pulled into full engagement within said suction socket.
- 66. (New) A method for donning or doffing a suction suspension prosthesis, said prosthesis including a sleeve to be worn over the residual limb, a suction socket having an open proximal end for receiving said residual limb and said sleeve and a distal end, comprising influencing air pressure between said sleeve and said distal end of said socket, decreasing the air pressure to a negative pressure to draw said liner and residual limb into said suction socket or increasing the air pressure to a positive pressure to expel said liner and said residual limb from said suction socket.

REMARKS

Claims 20-36 and 43-66 are presently active in this case. Claims 20-36 having been reintroduced, claims 37-42 having been canceled, and claims 43-66 having been added by way of the present amendment.

Regarding claims 20-36, those claims were rejected in the May 12, 1998 office action. Claims 20-36 were rejected under the judicially created doctrine of double patenting over claims 1-17 of US patent No. 5,702,489; Claims 1 [sic; 20], 26, and 32 were rejected under 35 USC 102(b) as being anticipated by US patent No. 5,139,523 to Paton; Claims 32 and 33 were rejected under 35 USC 102(b) as being anticipated by US patent No. 980,457 to Toles;